Bruhath Bengaluru Mahanagara Palike

QUALITY ASSURANCE/QUALITY CONTROL REPORT

Office of the Chief Engineer (Quality Assurance/Control) Annexure-05,
BBMP Head Office, Hudson circle Bengalore-001,
Ph.no:08022975541, E-mail ID:qualitycontrol.bbmp@gmail.com

QUALITY ASSURANCE/QUALITY CONTROL REPORT

EE/QA/PR/28/2022-23, DATE: 29/3/23

Name of Work	:	Providing LED street light fitting with connected accessories in ward no 16,17,37 and releasing of existing sodium vapour lights from ward no. 16, 17, 37 and refix. Estimated cost: 325.00 Lakhs.
Job Code	:	016-22-000003
Bill No. & Bill Amount	:	2nd and final Bill. Rs. 1,37,24,720.80.
Name of the Contractor	:	M/s. Kumar Electricals.
Type of Test Performed	:	Physical Inspection, Lux measurement as per BIS 10322:2012
Materials on which Tests Was Performed	:	1.Physical Inspection of LED Flood Lights 2.Physical Inspection of 16 Mtrs Highmast 2.Lux measurement of LED Flood Lights
Officers present during inspection	:	1. Sri. Gavisiddayya, AEE – Electrical-RRN. 2. Sri. S.V. Malagavi, AEE– QA/QC Div. 3. Sri. Bharath, AE – Electrical-RRN. 4. Sri. Syed Jameel, JE – Electrical-RRN. 5. Sri. Naveen, Contractor Representative.
Project Management Consultants	:	**M/S. CIVIL QUALITY CONSULTANTS AND ENGINEERS, BANGALORE.**
Observations	:	**Field Inspection:** ➢ The detailed report containing illumination to the ward no. 16,17,37 with the savings on cost, power & carbon emission is appended along with this report. ➢ The existing functioning of 90W & 120W LED Flood lights has been justified on account of the real time. **Field test for lux measurement** ➢ Field test was conducted at the location ward no. 16,17,37 at 9.00 P.M on 28.03.2023. The lux measurement was done using lux meter & lux level of 38, 33, 34 & 150 lux was recorded in the instrument. ➢ The lux level was found to be in accordance with standards/specifications. ➢ Physical verifications of installed 16 Mtrs Highmast pole and LED Flood Lights were verified at above locations.
Test Locations	:	**Field Test location** 1. Location 1: Opp. to Basaveshwara bus stop. 2. Location 2: Opp. to Bethal Church, Siddarth nagar. 3. Location 3: Near R. Ashok house, HMT road. 4. Location 4: HMT main road, Opp. to HMT grand. 5. Location 5: HMT ground Hight mast 180W.

29/3/23
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಗುಣಭರವಸೆ/ಗುಣನಿಯಂತ್ರಣ ಉಪ-ವಿಭಾಗ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

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Conclusion:

The file containing 2nd & final bill has been submitted for the above work to QA department on 20.01.24 requesting for spot inspection. Engineers of QA/QC division have visited the work spot on 08.03.2023.

During the inspection, it was observed that the items provided in estimate have been executed by the contractor.

The lux measurement was done using lux meter & lux level of 38, 33, 34 & 150 lux was recorded in the instrument. The lux level was found to be in accordance with standards/specifications.

All materials or work not conforming to the requirements of the specifications shall be considered unacceptable and rejected. The unacceptable materials or works that are rejected shall be immediately removed unless the defects are corrected and approved by the engineer in-charge of work.

The concerned Engineer in charge of the work shall follow the direction issued by Chief Commissioner Letter number dated 01.08.2022 and 14.09.2022 and take necessary action as appropriate in accordance with the law.

Note:-

This report by QA/QC is pertaining to the work carried out in 2nd & final Bill only. Therefore, further QA/QC reports shall be obtained for the items of work carried out in future Running Account bill / Final bill

Safety precautions shall be taken at work spot to prevent any mishap, injuries or loss of life to general public and construction workers according to guidelines laid down in code of practices.

Engineer in charge of work shall obtain requisite approval and Implement traffic management plan prior to commencement of work.

Engineer in charge of work shall display details of work, work code, cost of project, start and completion date, and information of Engineer in charge of work with contact numbers at work spot.

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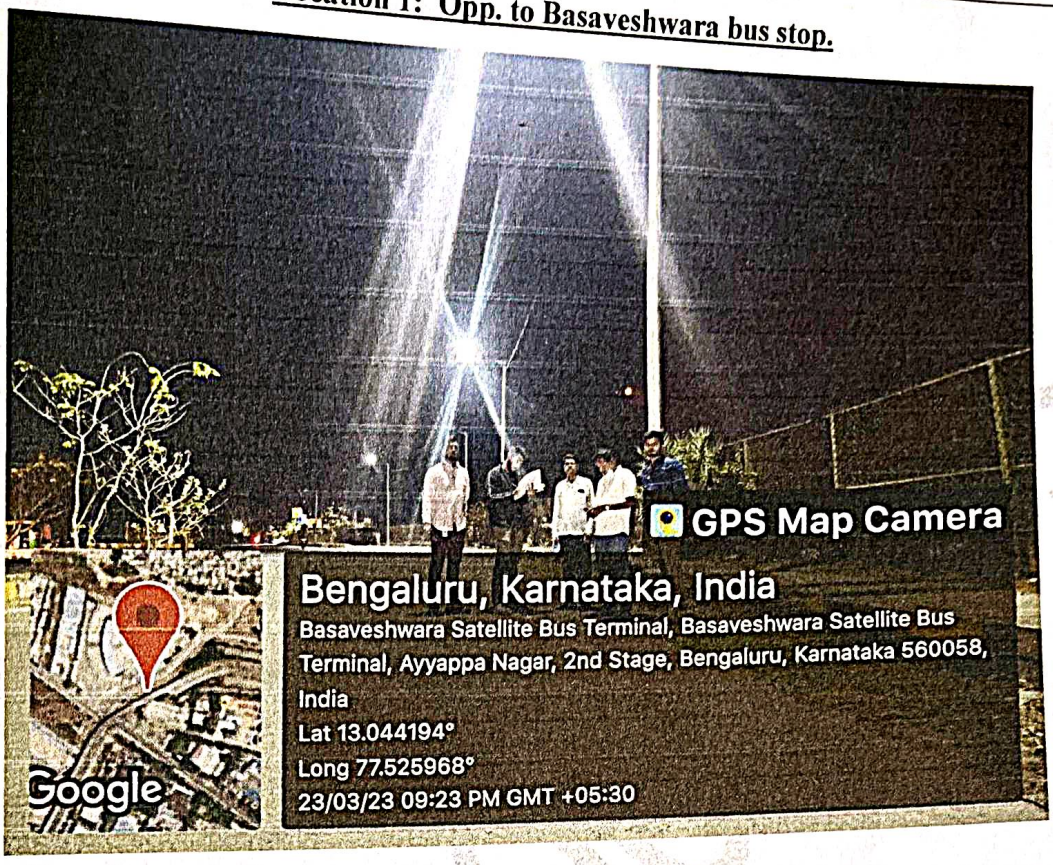
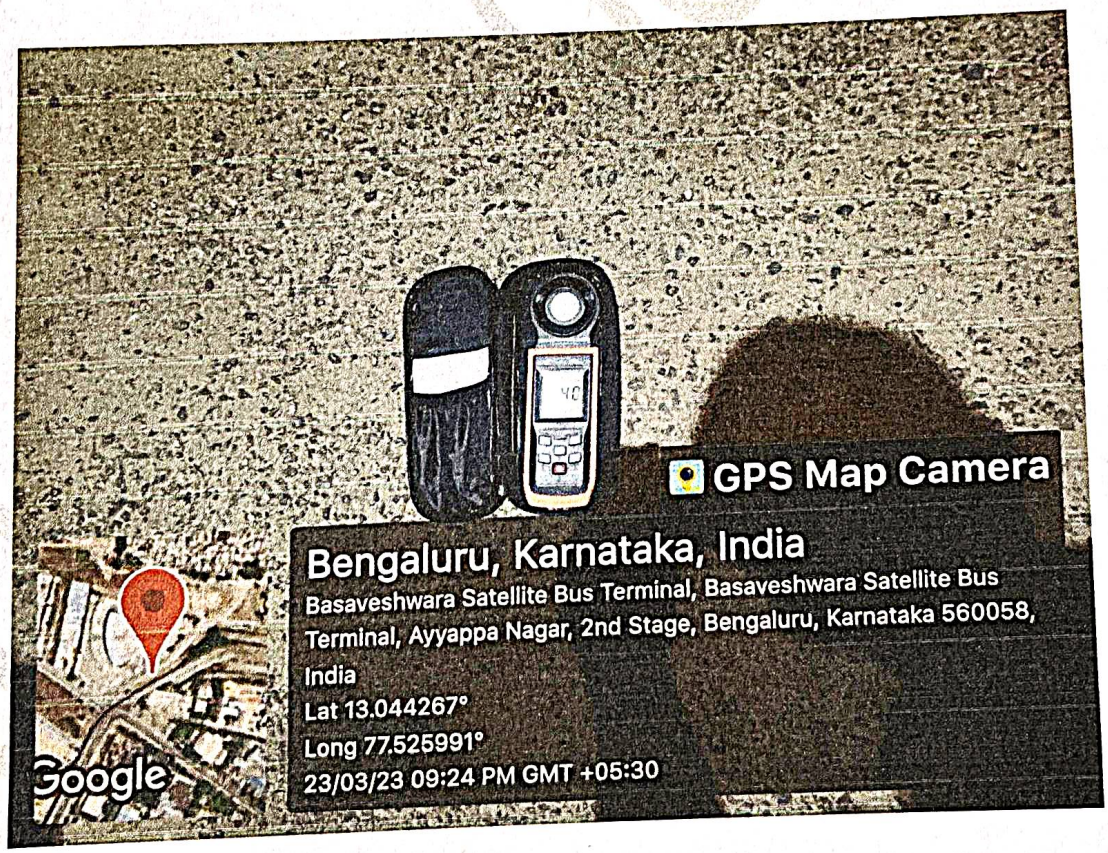
Location 1: Opp. to Basaveshwara bus stop.





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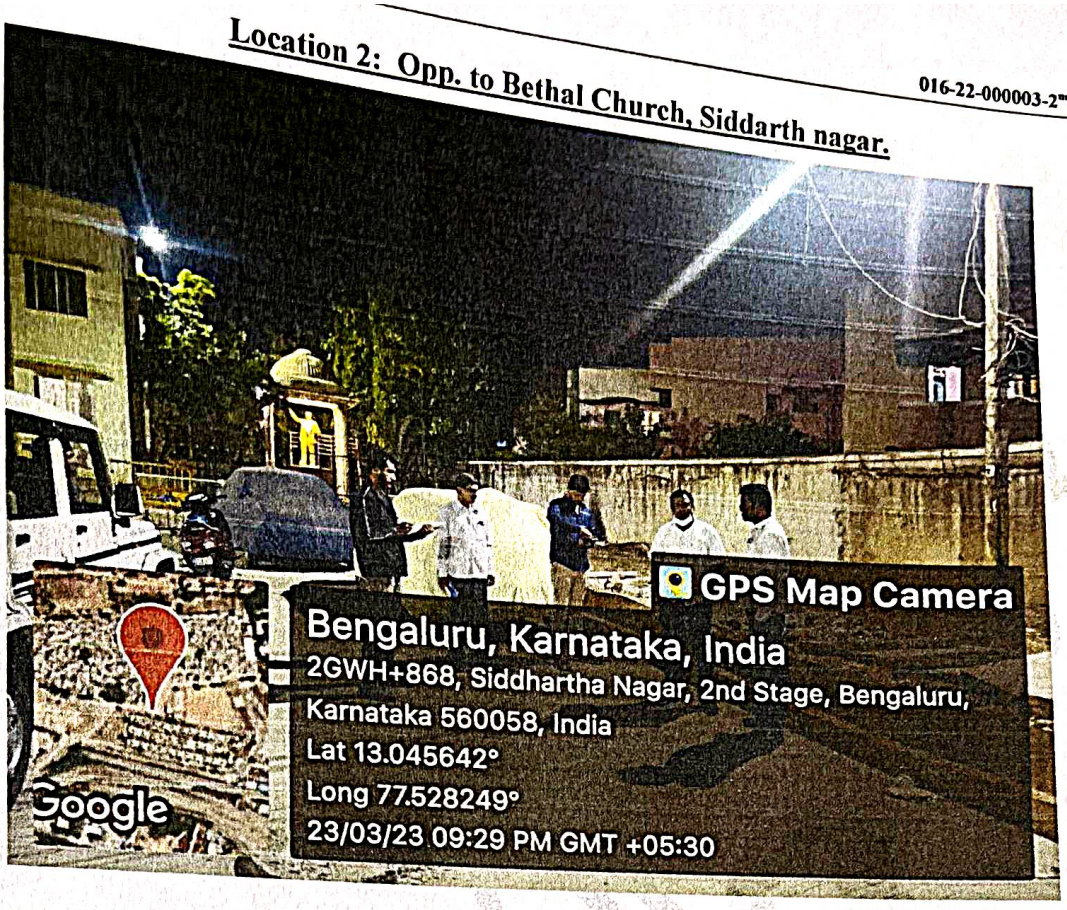
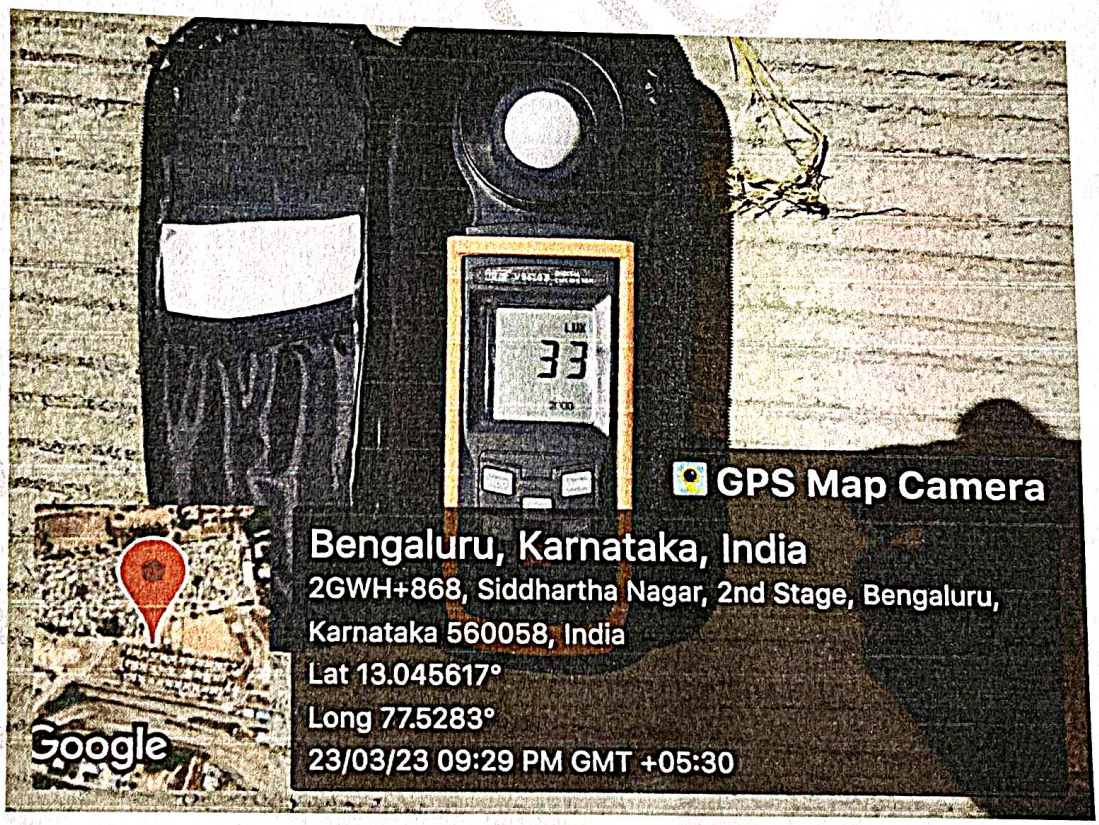
Location 2: Opp. to Bethal Church, Siddarth nagar.





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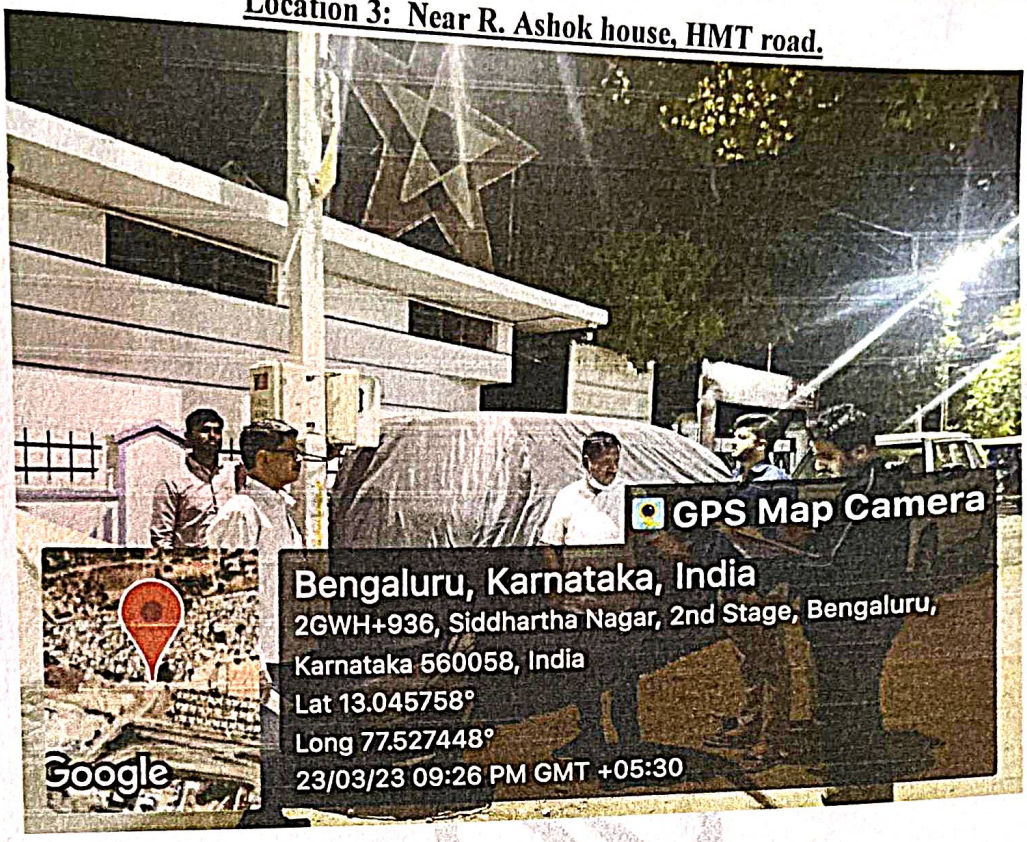
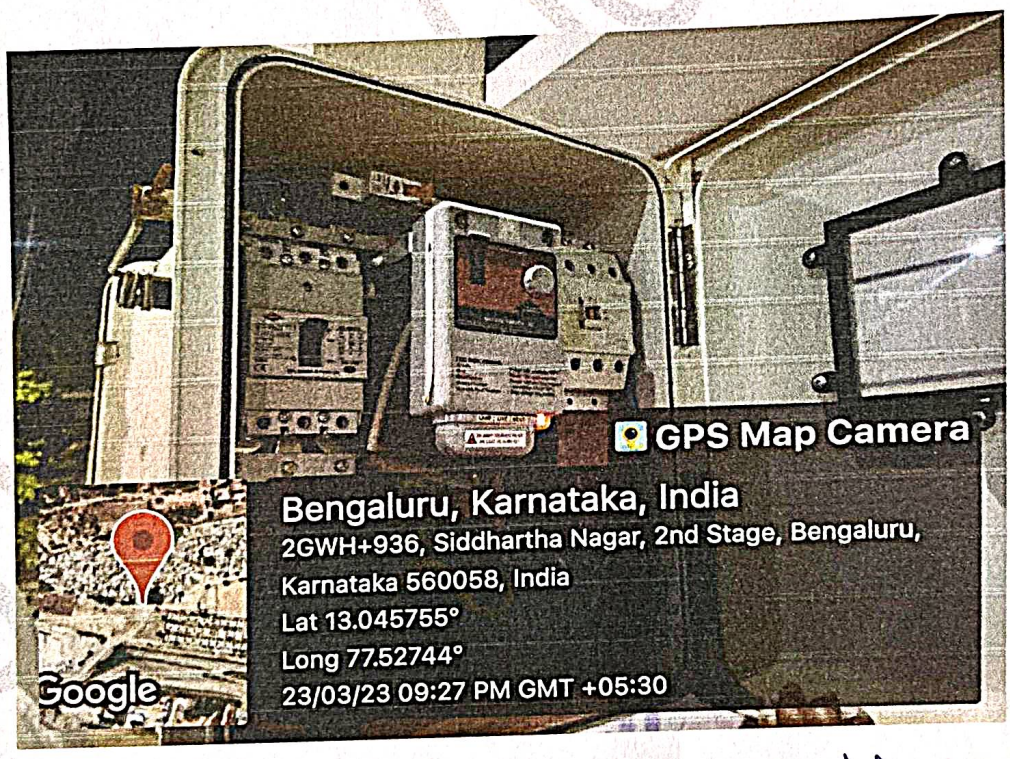
Location 3: Near R. Ashok house, HMT road.





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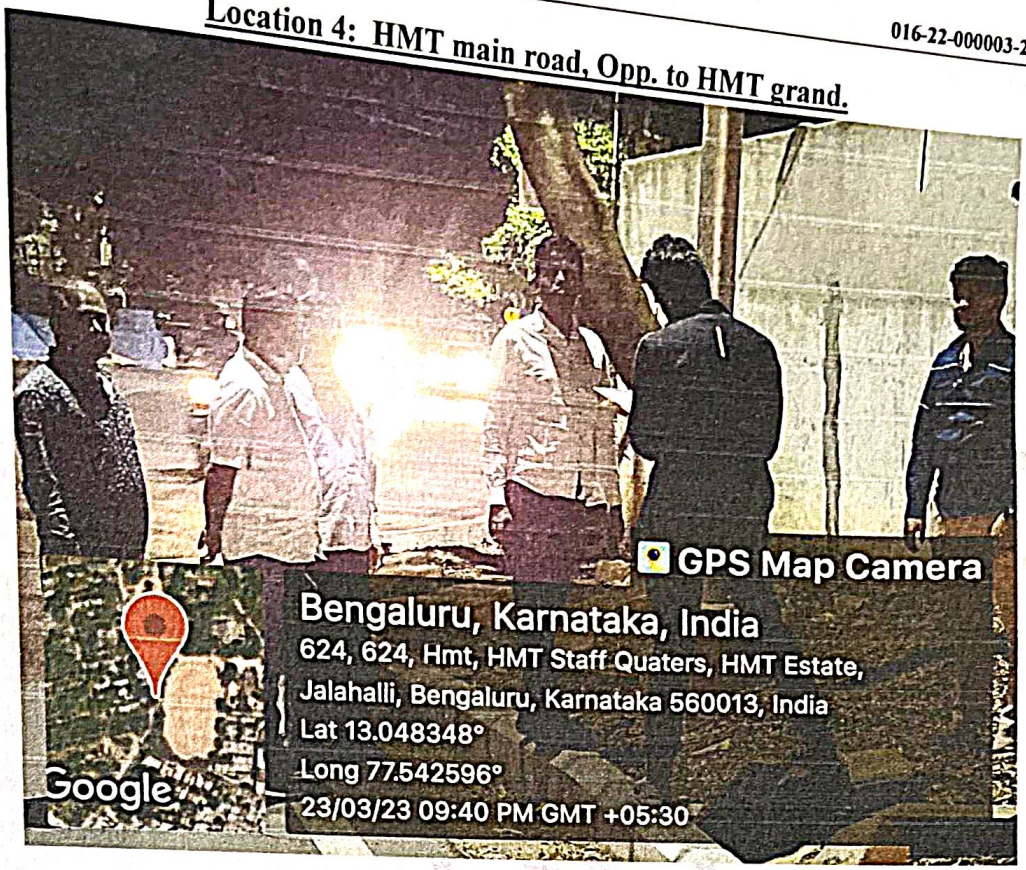
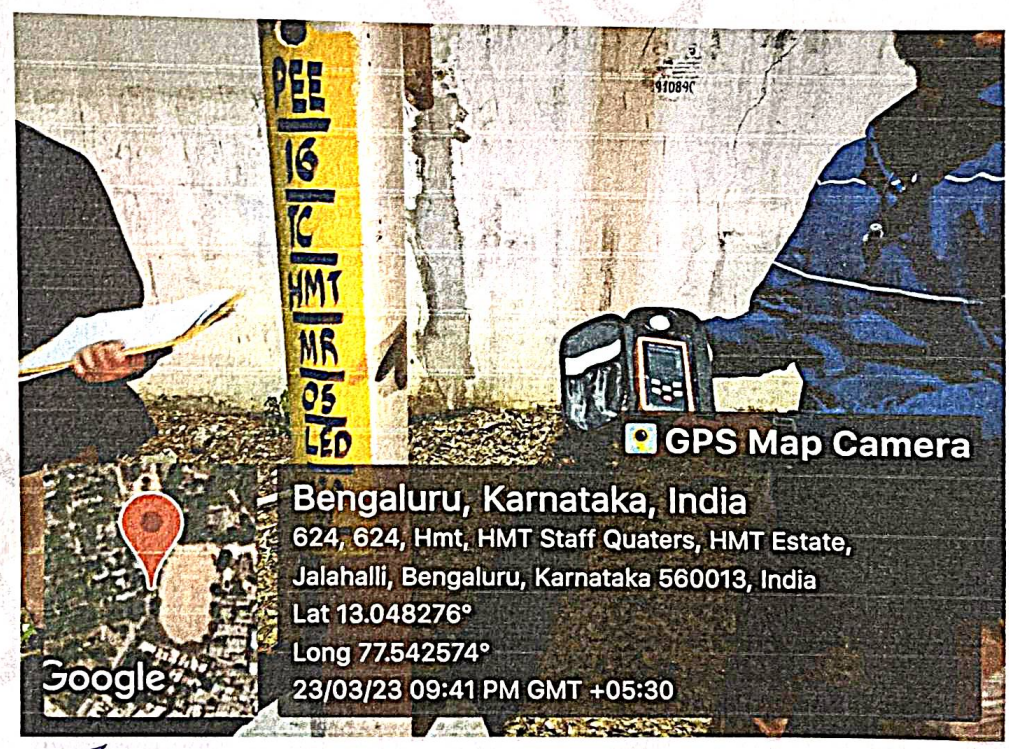
Location 4: HMT main road, Opp. to HMT grand.





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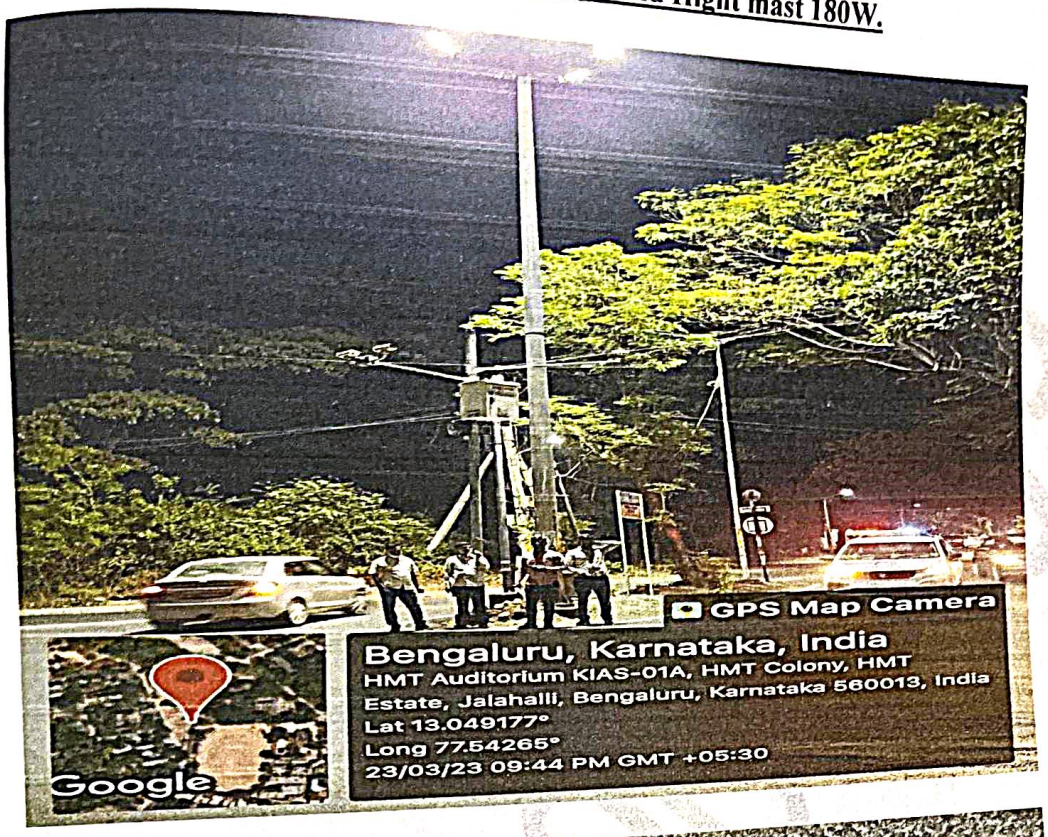
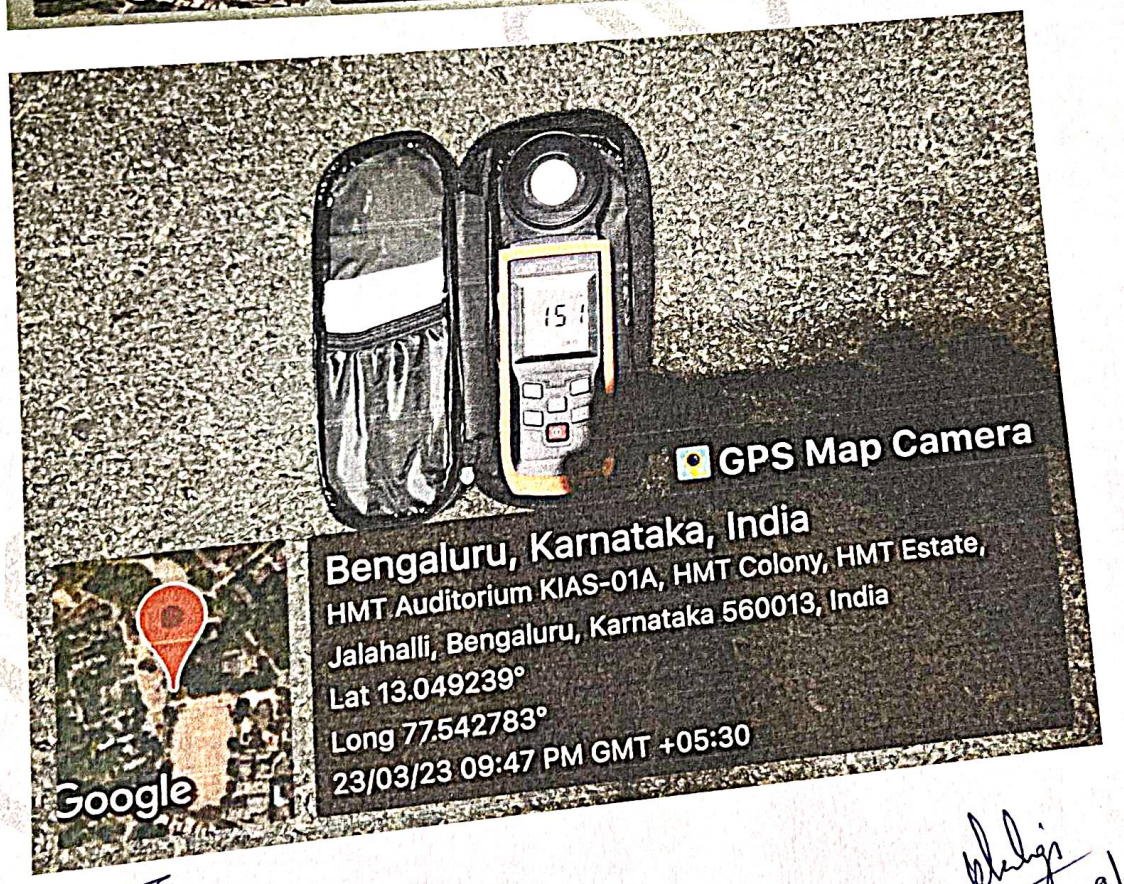
Location 5: HMT ground Hight mast 180W.


GPS Map Camera
Bengaluru, Karnataka, India
HMT Auditorium KIAS-01A, HMT Colony, HMT Estate, Jalahalli, Bengaluru, Karnataka 560013, India
Lat 13.049177°
Long 77.54265°
23/03/23 09:44 PM GMT +05:30
Google


GPS Map Camera
Bengaluru, Karnataka, India
HMT Auditorium KIAS-01A, HMT Colony, HMT Estate, Jalahalli, Bengaluru, Karnataka 560013, India
Lat 13.049239°
Long 77.542783°
23/03/23 09:47 PM GMT +05:30
Google

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